

8. The device according to claim 1, wherein the cell aggregate to be divided is a cell aggregate composed of pluripotent stem cells.

9. A method for dividing a cell aggregate, comprising a step of dividing a cell aggregate to be divided by passing, using the device according to claim 1, the cell aggregate together with a liquid through the mesh structure of the device.

10. The method according to claim 9, wherein the flow velocity of the liquid is 10 mm/sec-500 mm/sec when the cell aggregate to be divided passes through the net-like region in the device together with a liquid.

11. The method according to claim 9, further comprising a backflow washing step of passing, after division of a predetermined amount of the cell aggregates in the step of dividing the cell aggregate, a predetermined liquid through the mesh structure in the direction opposite to the direction of passage of the cell aggregate through the mesh structure of the device for division, thereby washing the mesh structure.

12. The method according to claim 10, further comprising a backflow washing step of passing, after division of a predetermined amount of the cell aggregates in the step of dividing the cell aggregate, a predetermined liquid through the mesh structure in the direction opposite to the direction of passage of the cell aggregate through the mesh structure of the device for division, thereby washing the mesh structure.

13. The device according to claim 2, wherein the beam part has a width of 10 μm -60 μm that is a separation distance between adjacent through-holes.

14. The device according to claim 13, wherein said many through-holes have opening shapes of quadrangles congruent with each other, and said beam parts are connected to each other in an orthogonal lattice pattern.

15. The device according to claim 13, wherein said many through-holes have opening shapes of hexagons congruent with each other, and said beam parts are connected to each other in a honeycomb-shape.

16. The device according to claim 15, wherein the hexagon is a regular hexagon, and, among the six sides of the regular hexagon, a distance between two parallel sides facing each other is 38 μm -85 μm .

17. The device according to claim 16, wherein the film surface is a first film surface, a film surface on the opposite side thereof is a second film surface,

when in use of the device, the first film surface is a surface used as an inlet side, the second film surface is a surface used as an outlet side, and

a cross-sectional shape in the perpendicular longitudinal direction of the beam part is a rectangle, or two corners on the inlet side of the rectangle have a round shape.

18. The device according to claim 17, wherein the cell aggregate to be divided is a cell aggregate composed of pluripotent stem cells.

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